

# WIRING DRAWING - RA100 TO LC2000 & TMS2000/3000

TO TMS  
(SEE PAGE 2)

TO CONTACT  
CLOSURE INPUTS

TO RELAY  
OUTPUTS

3-CONDUCTOR 22 AWG CABLE  
BELDEN 8443 OR EQUIVALENT

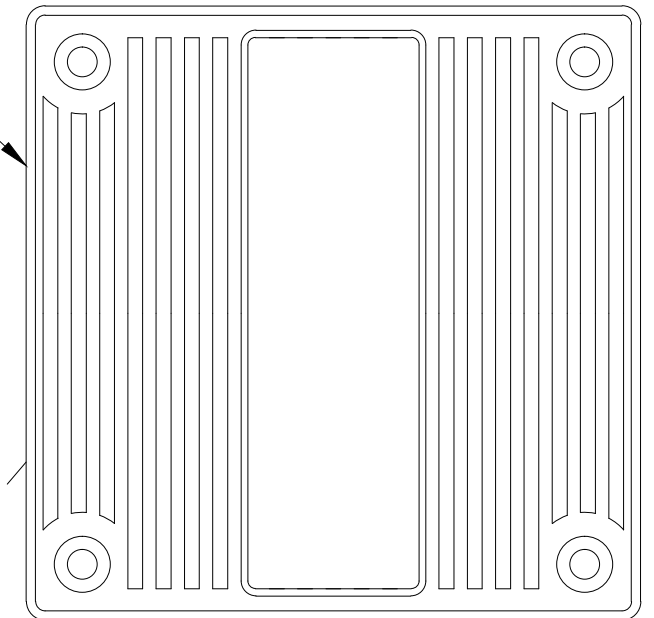
JUNCTION BOX (BY CUSTOMER)  
MUST BE WATERTIGHT IF  
LOCATED OUTDOORS  
(SHOWN ENLARGED FOR CLARITY)

WIRE NUTS

1/2" NPT  
(TYP.)

COVER  
(FRONT VIEW)

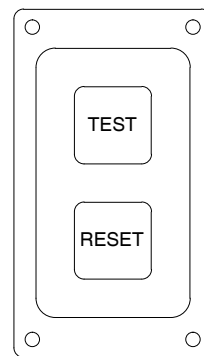
\* RA100 REMOTE AUDIBLE/ VISUAL  
ANNUNCIATOR



\* INSTALL SO THAT THE DRIP HOLES ARE LOCATED ON  
THE BOTTOM (SEE OUTLINE DRAWING 10506). IF  
NOT SUPPLIED, DRAWING MAY BE DOWNLOADED  
FROM [www.pneumercator.com](http://www.pneumercator.com)

SEE NOTE 3  
ON PAGE 2

1 = RED  
2 = BLACK  
3 = WHT OR GRN

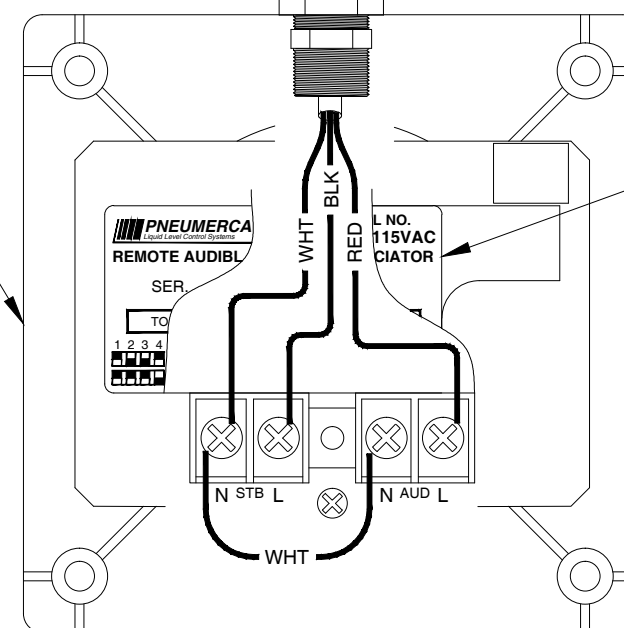


RS-2  
REMOTE SWITCH

COVER

COVER  
(BACK VIEW)

BLK (H)  
WHT (N)  
115 VAC  
POWER



**PNEUMERCATOR** MODEL NO. RA100-115VAC  
Liquid Level Control Systems  
**REMOTE AUDIBLE/VISUAL ANNUNCIATOR**

SER. NO.

TONE OPTIONS/SW1 SWITCH POSITIONS

1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
MARCH TIME				SIREN				HORN				CODE 3 TONE			
CODE 3 HORN				HI/LO				BELL				SLOW WOOP			

3 COND. CABLE	COND. COLOR	FUNCTION
	RED	TEST
	BLACK	SWITCH COMMON
	W OR G	RESET
	RED	HORN
	BLACK	HORN/STROBE COMMON
	WHITE	STROBE

"W" = WHITE; "G" = GREEN

## WARNING

- DO NOT USE THE TMS POWER AS THE SOURCE FOR POWERING THE RA100.
- THIS SYSTEM IS NOT INTRINSICALLY SAFE OR EXPLOSION PROOF. DO NOT INSTALL INSIDE THE HAZARDOUS AREA.

**PNEUMERCATOR**  
Liquid Level Control Systems

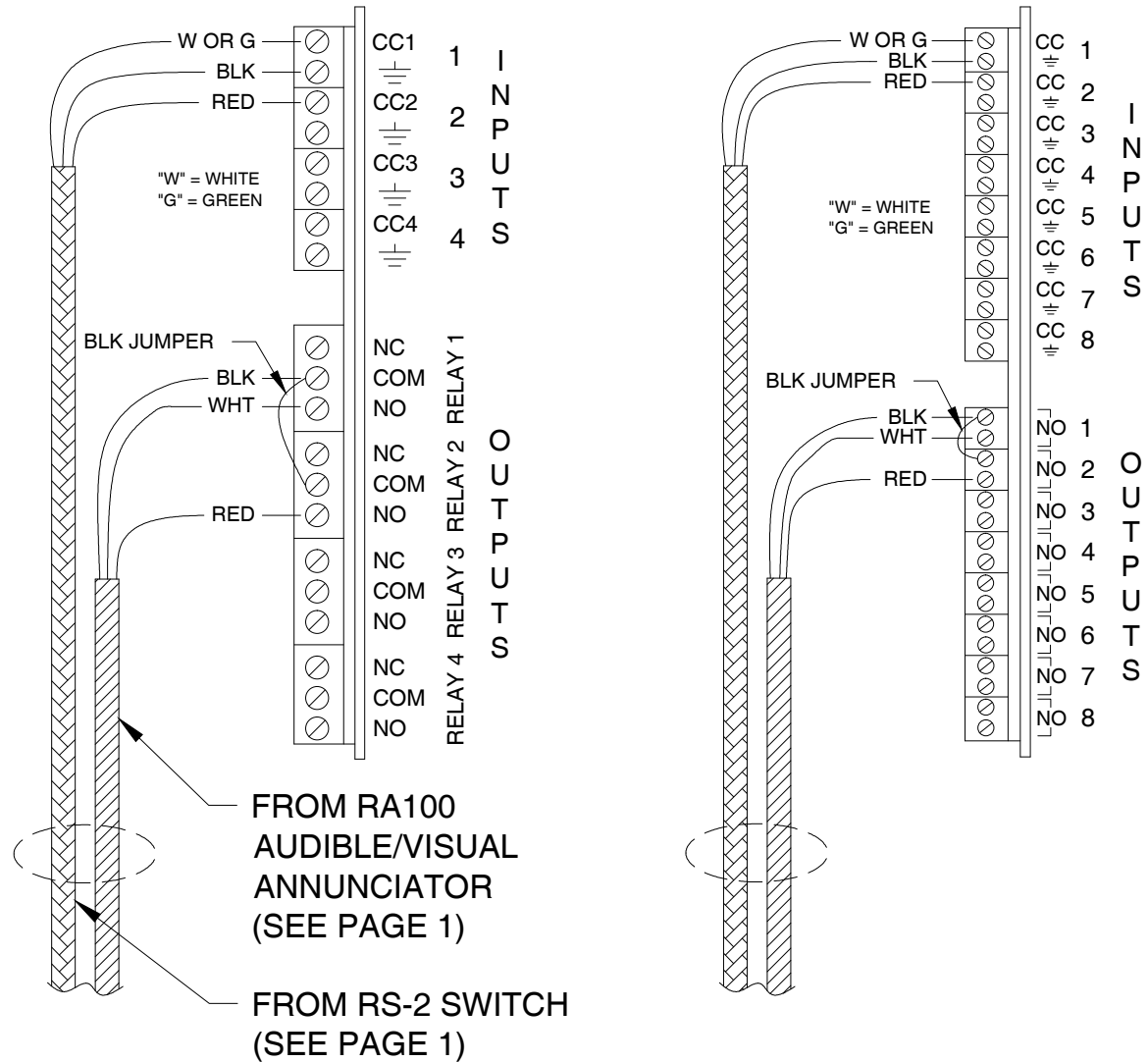
120 FINN COURT FARMINGDALE, N.Y. 11735

# WIRING DRAWING - RA100 TO LC2000 & TMS2000/3000

## TMS3000

WIRING TERMINATION EXAMPLES SHOWN FOR REFERENCE  
(SEE NOTES)

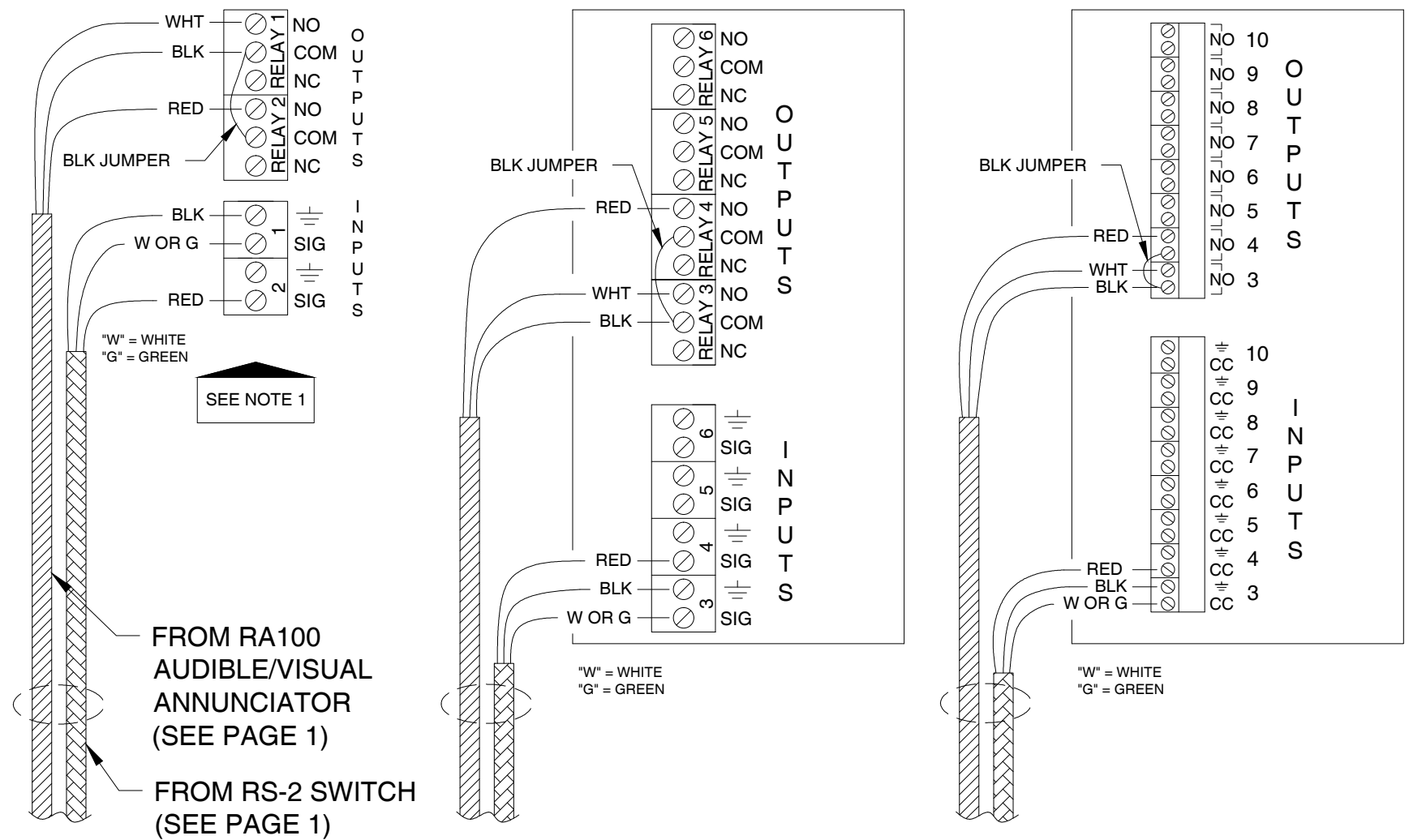
4X4 RELAY I/O CARD --- OR --- 8X8 RELAY I/O CARD



## LC2000/TMS2000

WIRING TERMINATION EXAMPLES SHOWN FOR REFERENCE  
(SEE NOTES)

BUILT-IN RELAY I/Os --- OR --- 4X4 RELAY I/O CARD --- OR --- 8X8 RELAY I/O CARD



**NOTES:**

1. WIRING MAY BE TERMINATED ON ANY TMS RELAY INPUT/OUTPUT. HOWEVER, IF REQUESTED WITH ORDER, WIRING MUST BE TERMINATED ON THE SPECIFIED PRE-PROGRAMMED INPUTS/OUTPUTS. REMINDER: PROGRAMMING STARTS WITH THE BUILT-IN MAIN BOARD RELAYS FOR LC2000 AND TMS2000.
2. DO NOT MODIFY TMS ENCLOSURE. USE DESIGNATED CONDUIT KNOCKOUTS/OPENINGS AS SHOWN IN THE TMS INSTALLATION MANUAL.
3. TOP CONDUIT HOLE ELIMINATED ON RS-2 AS SHOWN ON PAGE 1. HOWEVER, EXISTING STOCK WITH TOP CONDUIT HOLE MAY STILL BE SUPPLIED. IF AVAILABLE BUT NOT USED, THE TOP CONDUIT HOLE MUST BE PLUGGED WITH AN APPROPRIATE FITTING AND WATERTIGHT IF LOCATED OUTDOORS.

3 COND. CABLE	COND. COLOR	FUNCTION
	RED	TEST
	BLACK	SWITCH COMMON
	W OR G	RESET
	RED	HORN
	BLACK	HORN/STROBE COMMON
	WHITE	STROBE

"W" = WHITE; "G" = GREEN